

~~ISOLATION OF I2C BUSES IN A MULTIPLE POWER DOMAIN  
ENVIRONMENT USING MULTIPLEXERS~~

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ABSTRACT

- 5           A disk enclosure includes a first plurality of I2C elements powered by a first power domain and a second plurality of I2C devices powered by a second power domain. The first plurality of I2C elements are coupled via a first I2C bus and the second plurality of I2C elements are coupled via a second I2C bus. An enclosure controller has a third I2C bus selectively coupled via a multiplexer to the
- 10   first or the second I2C bus.

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